



**THE FIRST Y-12 FIRST AID TEAM TO BEGIN TRAINING** for the annual contest September 16 is the women's group from the Chemical Division, pictured above. They are practicing tying bandages to the trophy won by Y-12 last year to prevent it being taken away in the 1950 event. From left are Genevieve Bryant, Jincy Dingus, Thelma Cole, Anna Ruth Roberson, Eunice Jones and Daisy Ward. Deborah Hubbs, also a member of the team, was not present when picture was made.

## Y-12's Accident-Free Period Is Broken After 175 Days When Acid Burns Employee

An unfortunate accident in which a Y-12 employee sustained acid burns late Thursday afternoon resulted in the current number of accident free days in the plant dropping to zero as of last Friday. This broke a string of 175 days without a disabling injury in the plant. The safety scoreboards at each portal and in the cafeteria have been revised as a result of the accident.

### One Case Still Pending

Despite the break in the long string of days without a lost-time accident, the third period of 1,500,000 man-hours of operation without a disabling injury may have been achieved by Y-12 employees. There is one case pending that possibly might result in loss of time by an employee, although it has not yet done so to date. Final determination of this case will not be possible until some time in August. Until this case is finally evaluated no announcement can be made on the eligibility of Y-12ers and the plant for further safety awards.

The string of 175 days without a lost-time accident in Y-12 began January 19. An accident on January 18 caused a revision of the plant safety records. In the January 18 accident an employee suffered an injured finger that has not resulted in a loss of time from work. However, it has been determined that the injury will result in permanent impairment of use of the finger.

### Accident Charged January 18

According to the rules of the National Safety Council and Union Carbide and Carbon Corporation under which Y-12 has based its records, the incident is classified as a chargeable accident as on January 18.

Y-12ers completed their second

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## SAFETY SCOREBOARD

**Your Plant Has  
Operated  
2 DAYS  
Without A Lost Time  
Accident  
THROUGH JULY 16**

## How One Foreman Led Department 29 Safe Years Told

How one foreman directed operations of a department without a single lost time injury for 29 years is described in the July issue of Industrial Supervisor, a publication of the National Safety Council.

The foreman was A. J. Olson, who recently retired as general foreman of the tin shop of the Whiting Refinery of the Standard Oil Co. at Whiting, Ind. On his retirement his successor took charge of 89 men who had been trained in safe production in a busy department that had operated 2,353,588 man hours without a disabling accident.

Naturally Olson's accomplishment drew official recognition from the company and the Na-

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## Three First Aid Teams Now Training For 1950 Contest; More Planned

Three first aid teams already have been organized by Y-12 employees and five or more additional such groups are expected to be in training soon to participate in the annual Carbide First Aid Contest to be held Saturday, September 16, at Blankenship Field. In this event Y-12 will be defending the handsome trophy, presented by the Company, and which was won in the 1949 contest by a Fire Department team with a score of 1,498 points out of a possible 1,500.

Teams now practicing for the contest represent the Chemical, Maintenance and Manufacturing Offices Divisions. Organization of teams in Research and Development and Industrial Relations is under way and at least three more groups are expected to be formed.

### Training Department To Help

Any group or department desiring to form a team may receive assistance from the Training Department in getting organized. Teams of either men and women may enter the event.

Training for the first aid contest will include refresher work on the training offered all Y-12 employees during the past several years. Team members will be allowed two hours a week of on-the-job training.

The cash awards for the winning teams in the 1950 event have been increased from the 1949 scale and the method of listing the teams has been changed. In the 1950 event the team with the best score in the contest will receive \$175 and the team with the highest score in the other two Carbide installations will receive \$105. The second place teams in each installation will receive \$52.50. There will be no third place prize. In the 1949 event the top team of the contest received \$105 and the first team in each installation got \$70, the second team \$35 and the third team \$17.50.

### Y-12 Now Holds Trophy

The trophy, now held by Y-12, will be awarded the installation having the top team of the contest and a victory this year will bring the trophy into permanent possession of Y-12 as it must be won two consecutive years to be retired. In addition to the prize money the top team in each in-

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## Guards Take First Place In Attendance Standing; Plant Absenteeism Drops

Although the Chemical Department failed in its bid to extend its string of perfect attendance weeks to four in a row, the Guard Department came through for the week ending July 9 with an "all present" mark to maintain the Major League record of having departments with spotless attendance marks for six consecutive weeks. That in itself is an excellent record for employees in the larger departments with more than 50 employees scheduled.

### Near All-Time Record

The plant-wide absentee mark dropped .4 per cent from the week ending July 2 to 1.3 per cent. This figure is .1 per cent of the all-time low absentee record of 1.2 per cent established during the week ending June 18.

Meanwhile in the Minor League of departments with 15-49 employees scheduled, nine reported perfect attendance records for the week ending July 9. The seven with the same records the preceding week all repeated.

The repeaters were Laundry, Cafeteria and Canteens, Planning and Estimating, Property, Superintendents, Steam Plant and Receiving and Shipping. Advancing from fifth and sixth places held the previous week to join the other seven departments were Plant Engineering and Transportation.

### Laundry Maintains Good Mark

The week ending July 9 marked the 11th week in a row that the Laundry has reported no absenteeism. In that same period Cafeteria and Canteen, Planning and Estimating, Steam Plant and Receiving and Shipping are just behind with 10 perfect weeks. The Property Department has nine weeks with no absenteeism in the same time.

The Guard Department jumped from 11th place to first in the Major League for the week ending July 9. Chemical Research came from eighth place to second by posting an absentee mark of .5 per cent. Chemical, the first place department for the three previous weeks, dropped to third with .7 per cent of its personnel absent.

In the Minor League second

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## Y-12er Drafted In '48 Assigned to Atomic Work

Back in the autumn of 1948 the first Selective Service registration directly touching Y-12ers was held. During the registration period 179 men from 18 through 25 years of age were listed in Y-12—and only two were called to service.

One of these, Jacob Frederick Manneschildt, served just about one year in the Army and now is



Manneschildt

back at work in the Y-12 Chemical Department in his old position of associate chemist. At present, he is assigned to special work at the Oak Ridge National Laboratory. The other

drafted from Y-12, Freeman Waddell, also is out of the service and working with the University of California at the Los Alamos atomic energy facility of the Atomic Energy Commission.

Now in 1950 with drafting of

civilians again looming of course

there can be no indication yet as

to how many—if any—Y-12ers

will receive the "Greetings" of

Uncle Sam to doff mufti and don

kahki. Reports have had Tennessee

initially assigned about 600

men to be inducted into the Armed

Forces and that number spread

throughout the state means only a

small percentage of men to be

called from any one locality.

Got "Good Break" In Army

Manneschildt declared he got

"a good break" in his army service

through careful screening

given draftees at the time he was

inducted. Waddell's army career

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## It's Easy for Any Y-12er To Take Advantage of Savings, Lending Facilities of Credit Union; Some Facts About Organization Told

Joining the Y-12 Employees' Credit Union and taking advantage of its lending and earning facilities is easy for any Y-12 employee desiring to do so. This young organization, formed and staffed by employees from all parts of Y-12, is rapidly growing in membership and loans are quickly being processed by the credit committee and treasurer.

Through last Friday a total of \$5,100 in loans had been approved by the credit committee. At the same time the number of shareholders in the credit union had increased to nearly 300 from the approximately 200 on the rolls the previous week.

To facilitate the work of the

organization, Treasurer W. K. Palmer has asked all employees wanting to do business with the credit union to try and arrange the transaction during the office hours of from 11:30 a. m. to 1 p. m. in the group's office, Room 20, Bldg. 9704-2. During those hours, Monday through Friday, some officer, member of the board of directors or committee member will be in the office to aid employees wanting to buy shares or make loan applications.

To become a member of the Y-12 Employees' Credit Union all that is necessary is to buy at least one share at \$5 at not less than 25c per week. A fee of 25c also is charged for the first share

purchased. Up to \$1,000 initial investment may be made in cash and as much as \$100 per month may be invested, either in cash or through payroll deductions.

Payroll deductions also may be used to repay loans. Borrowers from the credit union must have at least one share paid for. By-laws of the organization require that the loans be made for productive purpose. This may be to consolidate debts, finance a vacation, buy household furnishings or other similar uses.

### Ability To Pay Required

The ability to repay a loan is the principal requirement of a borrower. The credit committee

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## New Y-12er To Lead Physics Seminar Meet

Dr. B. L. Cohen, who came to work with the Y-12 Electromagnetic Research Laboratory just last week will lead the discussion on the weekly meeting of the Oak Ridge Physics Seminar at 4 o'clock Friday afternoon, July 21. The meeting will be held in the East Lounge of the Ridge Recreation Hall.

The topic of the session will be "High Energy Nuclear Reactions." Dr. Cohen will use his thesis to explain the theory of two types of nuclear reactions and will make experimental tests.

Dr. Cohen received his bachelor's degree in physics from Case Institute of Technology, Cleveland, Ohio; his master's degree at the University of Pittsburgh and doctor's degree at Carnegie Tech., Pittsburgh.



# The Bulletin

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## 'Wuthering Heights' Is 'Favorite Story,' Janet Waldo Plays



Janet Waldo

"Wuthering Heights," well-known novel by Emily Bronte, will be offered on My Favorite Story program at 7 o'clock Sunday night, July 23, over Oak Ridge Radio Station WATO. My Favorite Story is sponsored by Carbide and is a weekly presentation at the same hour every Sunday night during the summer months. Selection of "Wuthering Heights" for the presentation was made by Bennett Cerf and Ronald Coleman will be narrator on the program.

One of the leading roles in "Wuthering Heights" will be taken by Janet Waldo, one of radio's brightest and youngest stars. She is known to thousands of fans as Corliss Archer and also has appeared with star billing on "Ozzie and Harriet," "Dr. Christian," the Eddie Bracken show and "One Man's Family." She also is a featured actress in Paramount Pictures.



The following Y-12 employees were patients at the Oak Ridge Hospital last week: Charles C. Ruckart, Chemical; Clarence E. Harris, Electromagnetic Research Laboratory; and Melbourne L. Winton, Electromagnetic Research Laboratory.



Three Y-12 employees became fathers of babies born recently at the Oak Ridge Hospital. They were: William R. McGill, boy, July 7; James D. Hayes, boy, July 8; Edwin E. Oliver, boy, July 11.

### AT LAST, HE LEARNS

In an Associated Press interview at Tokyo recently, Hisatsune Sakomizu, member of the last wartime Japanese cabinet, said that the atomic bomb shortened the Pacific War by several months.



Y-12 Photos By Vince Moore

**THE RECENTLY ELECTED OFFICERS OF THE CARBIDE WIVES** includes two women whose husbands work in Y-12. The affiliation of the husband is given after the name of each officer. Seated at the table are Mrs. Stacey D. Holsey, treasurer, K-25; and Mrs. Harry K. Walker, member executive board, Oak Ridge National Laboratory. Standing from left are Mrs. Fred Sexton, member executive board, Y-12; Mrs. Rudolph Paluzelle, secretary and publicity chairman, K-25; Mrs. C. B. Mills, member executive board, Y-12; Mrs. R. W. Atteberry, president, ORNL; Mrs. Oliver C. Parker, member executive board, ORNL; and Mrs. John R. Mahoney, member executive board, K-25.



A lot of rank may have been tossed around when a pair of sergeants—J. P. Seagle, of the Y-12 Guard Department and his brother, William Seagle, of the Army Air Force and stationed in New Mexico—got together on a recent trip to North Carolina. Earl Seagle, a third brother and an employee in the Y-12 Machine Shop, also made the trip. The Army's Sergeant Seagle has been on furlough visiting his kin folks in this vicinity.

Capt. J. H. Connor, also of the Guard Department, and Mrs. Connor have returned from vacationing over in North Carolina where they saw the production "Unto These Hills."

Dr. Paul D. Scofield, Y-12 Medical Director, and Mrs. Scofield have as guests their daughter, Mrs. Nancy Jane Sparks, and granddaughter, Shannon Lee Sparks, of Columbus, Ohio. Mrs. C. N. Aller, her daughter, Shelly, and sons Stephen and Michael, friends of Mrs. Sparks, also are guests at the Scofield residence. . . . Cordia Bledsoe has returned from vacation spent at her home in Loudon, Tenn. . . . Louise Worthington and her husband vacationed up in Kalamazoo, Mich., with relatives and later went to Chicago. . . . Bob and Tim Edge, of Fletcher, N. C., are visiting their aunt, Blanche Gibbs.

Electrical Maintenance reports a number of folks on vacation—including C. O. Jones, W. R. Murphy, J. W. Gibson, J. L. Crawford, J. B. Robinson, L. F. Kennedy and Arnold Sampsel.

Irene McCroskey and Evelyn "Fiz" Tucker, of the Cafeteria and Canteen, are vacationing this week.

Edith Cruze, of the Stores Department, is vacationing with her family in Knoxville. . . . Mary Nell Smith also is vacationing but the destination is unannounced.

Daytona Beach has drawn Pauline Lovely, of Receiving and Shipping, for her vacation. . . . Lloyd Acres also is vacationing for two weeks.

Shirley Brown, of the Tool Department, is vacationing up in Pennsylvania this week.

Watch out—fish in Ft. Loudoun Lake—Clyde Ferrell, of Property, will be over your way while on vacation.

J. P. Wood, of Product Chemical, and family have returned from two weeks on the Atlantic shores near Ormond Beach, Fla. . . . J. H. Nicholson and folks are traveling to Montgomery, Ala., and Panama City, Fla., on vacation.

Stores Department comes back to report that J. L. Hamon was on

vacation recently in Oak Ridge and entertained his brother, William Hamon, from Cincinnati, Ohio.

The Stores Department just called back to urge that one and all be told that J. D. Hayes became a member of the Proud Papas of America Club July 8 when Mrs. Hayes presented him with a fine boy at the Oak Ridge Hospital. The youngster has been named Phillip Andrew Hayes. . . . Georgia Rader has been added to the vacation list.

Vacation news tops Assay Laboratory reports for the week. . . . O. W. Briscoe and Katie Sells are away and Cecil Hurtt and W. D. Shultz have just returned.

Fred Sexton, of the Security Office, and Mrs. Sexton really saw Florida while vacationing, their itinerary reading like a travel agency advertisement. Some of the points of interest visited were St. Petersburg, Sarasota, then across the Tamiami Trail to Miami, Key West, back to Miami Beach, Daytona Beach and then back home.

Woody Palmer, Y-12 Paymaster, is taking a few days off from handing out pay checks to take a trip with the missus down to Texarkana with a few stops along the route to break the jaunt.

Mary Williams is welcomed back to the Janitors Department after a long illness.

Electrical Maintenance is congratulating Ed Oliver over becoming father of a eight and one-half pound baby boy. His wife, Joan, is a former Y-12er. . . . Evan Means, the authoring angler, has conquered new worlds—he has been elected vice-president of the



### McMURRAY-CRAWFORD

The engagement of Miss Mary Ruth McMurray, of the Y-12 Analytical Laboratory, to Thomas Mann Crawford, of Jefferson City, has been announced by Mr. and Mrs. John McMurray, parents of the bride-elect. The rites will be performed at 4 o'clock Sunday afternoon, August 4, at the Hebron Presbyterian Church, Jefferson City, with the Rev. Ernest Stoffel officiating.

The bride's only attendant will be her sister, Miss Isabelle McMurray, also an employee in the Y-12 Analytical Laboratory, who will be maid of honor. Charles Crawford, of Knoxville, brother of the groom, will be best man. Ushers will be Marshall Neil Manley, Athens, Ga., and Charles Peck, Jefferson City, brothers-in-law of the groom.

Special nuptial music will be provided by Miss Jamie Massengille, vocalist; and Mrs. O. D. Brotherton, organist.

The groom is the son of Mr. and Mrs. Hugh Crawford, of Jefferson City.

No invitations or announcements are being sent but all friends of the couple are invited to attend the ceremony.

## Carbide Wives Meet Tonight; Wife Of Y-12er In Charge

Mrs. C. B. Mills, wife of a Y-12er and member of the executive board of the Carbide Wives, will be in charge of the monthly meeting of the group tonight, Wednesday, July 19. The meeting will start at 7:30 o'clock in the East Lounge of the Ridge Recreation Hall.

Hostesses will be Mesdames R. A. Koteski, chairman; L. G. Overholser, also wife of a Y-12 employee; R. E. Alexander, U. G. Katsel, M. T. Gelso and J. A. Smith.

Bridge and canasta will be played and refreshments served.

Oak Ridge Community Playhouse in recognition of the fine work done for years as stage manager.

"It's SO Peaceful in the Country" would have been a swell theme song for Y-12ers up around the North Portal—and particularly in The Bulletin Office about 4:30 p. m. Friday. . . . The numerous and sundry graders, rollers, ditchers, ad infinitum, were clanking and chugging away outside with a heavy decibel output when just to add a final touch those baseballing boys from the Isotope outfit blasted in with a clatter that sounded like Chinese Mule Train played backward. . . . It seemed they just wanted to wish one and all a happy week end. Even A. Tiller couldn't get a word in edgewise, which isn't quite par for the course.



Miss Mary Ruth McMurray

## Camera Club Enjoying Best Year Of Activity

The Carbide Camera Club, composed of photographic enthusiasts from all three Carbide installations in Oak Ridge, is enjoying its best year in its history, officers of the club have announced. Membership in the club has grown to 80, attendance at meetings is increasing and interest in programs offered at the monthly sessions is keen.

### Next Meeting September 12

Nat Stetson, of Y-12, president of the club, has announced that no meeting of the club will be held in August, because of vacations, but that meetings will be resumed on September 12. At this session a black and white print contest on the topic of water scenes will be held.

Officers of the club have also announced that dues for the second half of the year now are payable. The dues are \$1 for each half year and remittance should be sent to Nelson Van Wie, of K-25, secretary-treasurer of the organization, or to his home address, 106 Maiden Lane, Oak Ridge.

### ORNL Man Is Winner

At the July meeting of the club the winner of the color slide contest on the subject of flowers was Joe Lundholm, of Oak Ridge National Laboratory. Ken Jamieson, also of ORNL, was second; Herman Dickerson, of Y-12, third; Virginia Spivey, of Y-12, fourth; and S. A. Hluchan, of ORNL, fifth.

Judging was done by Ted Wilmarth, of ORNL, who also gave a talk on color photography of flowers. Wilmarth also discussed an exhibit of photographs by Paul Boris made in Greece and displayed by United States Graflex, Inc., Rochester, N. Y.

Another feature of the meeting July 11 was a talk on home processing of color films by Stanley Hornbaker, of ORNL.

Falls kill more persons in the home than any other type of accident, according to the National Safety Council.



OF INTEREST TO MANY Y-12ERS WAS THE MARRIAGE ON JUNE 24 OF MISS REBA Justice, a former Y-12 employee, and Robert William Holmberg, of Ft. Dodge, Iowa, at the Chapel-On-The-Hill. Several present and former Y-12 folks were principals in the wedding party, shown above. From left are David Crouse, usher; Ruth Jones, bridesmaid; Frederick Nelson, best man; the groom and bride, Mrs. Donald Porter, matron of honor; the Rev. E. M. Sherwood, of Oliver Springs, who performed the ceremony; Mrs. James Callison, Middlesboro, Ky., bridesmaid; and Frederick Robertson, usher. Mrs. Holmberg is the daughter of Mrs. Lula Justice, of the Y-12 Transportation Department. The photograph was made by John Ramsey, also of Y-12.



## Y-12 Varsity Softball Team Meets ORNL Next

The Y-12 varsity softball team, victims of a rash of one-run defeats of late, are scheduled to tackle the Oak Ridge National Laboratory team at 7 o'clock Thursday night, July 20, at the Turnpike Park in a league contest. They were slated to play the high-flying K-25s last night.

Another out-of-town trip for both the men and women softballers of Y-12 is scheduled for Saturday night, July 22, down at Athens. A scheduled twin-bill against Crossville was rained out last Saturday night.

In the only game last week the charges of Manager Richard Dews fought another uphill but losing battle against the Vagabonds and dropped a 5 to 4 decision. The Y-12ers could get but four hits off Hawkins and failed to take full advantage of nine Vagabond errors. Y-12 overtook an early Vagabond lead and tied it up in the ninth, only to see their opponents win out in the last half of the final inning.

Score by innings:

Team	R	H	E
Y-12	000	111	4
Vagabonds	020	101	5

Batteries: Y-12, Holland and Hale. Vagabonds, Hawkins and O'Brien.

## Keglers Of Y-12 Fight Back To Win From Watch Shop

Coming back strong after dropping the first two games to the Oak Ridge Watch Shop, the Y-12 bowlers in the summer circuit took the final tilt and total score from their opponents to gain an even split of the four points at stake. The Y-12ers still have a slim lead in the league and will face a crucial test Thursday night of this week at the Oak Terrace when they roll second-place Oak Ridge Heating and Plumbing.

The game scores last week were 746, 755, 854—2,355 for Y-12 and 770, 832, 702—2,304 for the Watch Shop. Frank Knox paced the Y-12ers with a 502 series, followed by Duckworth 485, Gragg 475, Riddle 448 and Kendig 445.

The Y-12ers now have a 28-12 record to 27-13 for the Heating and Plumbing lads and must take this match to hold their lead.

## Bill Reynolds Is Medalist In City Tourney Qualifying

Bill Reynolds, one of Y-12's better golfers, was the medalist in the qualifying round for the city tournament, played Sunday at the Oak Ridge Golf and Country Club. Reynolds shot a 77 scratch score, an excellent mark for the course. He was four over par on the first nine but only one over regulation figures on the return trip.

## Wives Of Y-12ers Invited To Meet With ORNL Group

An invitation to wives of Y-12 employees to meet with the Oak Ridge National Laboratory wives has been issued by that organization. The ORNL Wives meet on the second and fourth Monday nights of each month at the Ridge Recreation Hall. A card party and entertainment is staged at the last meeting each month. Annual dues in the group are \$1.

## SECRECY SEEN EASED

The magazine Business Week recently declared that the Atomic Energy Commission will ease atom secrecy a bit to allow more non-federal research. The magazine says that the AEC soon will permit universities to build and operate small atomic piles of their own to help in training scientists. This, says Business Week, will focus more effort on industrial use of atomic power.

## Y-12 SPORTS NEWS



6-16-11  
Y-12 Photos By Vince Moore  
**THE Y-12 ROBINS, FINE WOMEN'S SOFTBALL TEAM** representing the plant this season, is shown above. Front row, from left, are Helen Aikman, Bonnie Roberts and Pat Roberts, the sister battery; and Helen Brown. In the back row are Olyne Poindexter, Jerry Morrisette, Helen Burkhalter, Coach Ray Ledford; Imogene Loy, Ruby McGinnis and Juanita Reed.

## Clyde Bowles Successfully Defends Y-12 Golfing Title By Trimming Leo Caldwell

J. Clyde Bowles, of the Y-12 Engineering Division, successfully defended his Y-12 plant golf title last week by taking Leo Caldwell over the traps for a victory in the championship flight of the Y-12 Golf League tournament. Bowles was the 1949 champion.

Titles were decided in all flights except the fifth, which will be settled this week with Bill Morgan and Jesse Herndon scrapping for the crown.

Results in the finals of the other flights follow:

First flight: Sonny Richardson beat L. H. (Sky) Barker.  
Second flight: George Mitchel beat Harold Ratjen.  
Third flight: Cecil Hubbard beat Lamar Matthews.  
Fourth flight: Elmore Koons beat Warren Grimes.

Trophies will be presented the winners and runner-up in the championship, first and second flights, while the winners in the other flights also will be rewarded with trophies.

## 'Soaps And Detergents' Topic Of Headlines In Chemistry

Soaps and detergents play an important part in the everyday life of every person—and to make them more effective chemists have contributed many important developments.

Some of the accomplishments of chemists in improving soaps and detergents will be revealed in the weekly Headlines in Chemistry program to be given at 9:15 o'clock Sunday night, July 23, over Oak Ridge Radio Station WATO. The program is sponsored weekly by the East Tennessee Section of the American Chemical Society.

Dr. Myron Kelley, of the Oak Ridge National Laboratory, will interview J. W. Norris, of the Atomic Energy Commission, on the program. The interview will bring out the origin and development of soap and uses of soap and detergents in household washing in hard and soft water. It will be brought out how fluorium, a fluorescent material that is available commercially and added to soaps and detergents, makes clothes whiter by flourescing because of ultraviolet light absorption.

Aunt: "Can you explain radio to me, Arthur?"  
Arthur: "Well if you had a very long dog, reaching from New York to Chicago, and you trod on its tail in New York, it would bark in Chicago. That's telegraphy; and radio is precisely the same only without the dog."

Remember - ONLY YOU CAN  
**PREVENT  
FOREST FIRES**



## Rain Forces Delays In Diamond Tourney

When, if ever, the Y-12 Cardinals get into action in the Lake City District Baseball Tournament rested in the hands of the weather man early this week. Originally scheduled to play last Thursday, continual rain forced one postponement after another in the event.

As of Monday morning the revised schedule provided for the Y-12ers to play Tuesday night and again on Thursday night, if they won their first battle. Sunbright and Dyllis were to have played Monday with the winner meeting Lake City next and the Y-12 team's first game was to be with Oneida.

In the only games played in the tournament through Sunday, Oneida beat Gibbs 14 to 10 and Lake City trounced Helenwood, 10 to 4.

## Plant League Softies Hope To Resume Play

Rain washed away the scheduled opening of the second half of the schedule for Plant Softball League teams last Thursday night but the boys will be out there again this week hoping to catch a few innings between showers.

The All Stars and Isotopes were scheduled to meet last night as were the Bums and Bldg. 9212.

The schedule for the next two playing nights follows:

Thursday night, July 20—6:30 p. m., Bldg. 9212 vs Rippers.  
Tuesday night, July 25—6:30 p. m., All Stars vs Bldg. 9212.  
8 p. m., Rippers vs Isotopes.

## Surveyors Seek Uranium-Laden Ore In Colorado

Newsweek magazine, in a recent issue, has declared that it is clear from various authoritative sources that uranium is far from being a rare element and that it is likely to be found anywhere. The difficulty is locating rich deposits that can be mined profitably.

Veteran prospectors who have transferred their interest from gold to uranium can help, but to do a thorough job such as exploring deep underground veins, the Atomic Energy Commission has had to call on the Geological Survey. Recently, the magazine says, the survey had a score of geologists on the hunt, mainly in the desolate 60,000 square-mile Colorado Plateau, the nation's most promising uranium region. They drilled holes into rock, plumbed into deserted silver mines and caves and even hopped in airplanes with Geiger counters in combing the area for the ore.

If surveys show that an area is promising, holes are bored 500 to 1,000 feet apart in search of carnotite, the commonest uranium ore. Although neither the AEC or surveyors reveal how many finds the new techniques have made, experts do say that the number has increased sharply since the fine-tooth comb prospecting program started.

## Analytical Chemical Division Employees Will Hold Picnic

Some 40 to 50 members of the Y-12 Analytical Chemical Division of Y-12 are planning a picnic on Saturday afternoon, July 22, at Concord Park. The business of merry-making will start about 3 o'clock and the agenda will include all the usual picnic and outing activities, including boating, fishing and other sports—and, of course, consumption of copious amounts of victuals. Virginia Bowers Smith has been making arrangements for the affair.

## Y-12er Drafted In '48 Assigned to Atomic Work

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was parallel in many respects.

Both were sent to Ft. Jackson, Columbia, S. C., for the usual eight weeks of "boot training" given all recruits. Then after interviews and screening they went to Ft. Myers, Va., and later were assigned to the Army's Special Weapons Project. Another six weeks of specialized training and the pair were sent to the Army's Sandia Base in New Mexico. From there they were sent to the Los Alamos laboratories and the former Y-12ers were the only enlisted men at the installation on "The Hill."

During his service with the special Weapons Project, Manne-schmidt said, the soldiers classified as specialized personnel lived and worked as civilian scientists—although, of course, under Army control. The military group lived in barracks, wore civilian clothing, and received their pay through the Army. The Army also gave them allowances for quarters and food.

## Returned Here In March

Manneschmidt and Waddell were discharged from the Army December 1, 1949, and the former returned to work in Y-12 on March 2, 1950.

Manneschmidt first came to Y-12 in July, 1943. He was born in Virginia and graduated from the University of Virginia. However, he listed Savannah, Ga., as his home when employed.

After his discharge Manne-schmidt enrolled in the Army Organized Reserve Corps for the usual five-year period. However, as he now is 27 years old, he sees little chance of being called back to the colors at this time.

In addition to being associated with Waddell during his Army career, Manneschmidt also reported that two other Carbide employees—Charles Goehring and Harry Wright, both of K-25—were assigned to the Sandia Base and that the four were together some of the time. Wright has returned to K-25, Manneschmidt reports.

## Colonel Williams Commander

Another Oak Ridge link for Manneschmidt and Waddell at Los Alamos was their Army commanding officer. Although being assigned to the AEC project there the pair still were attached to a Sandia military unit, commanded by Lieut. Col. Don Williams. Colonel Williams was stationed in Oak Ridge under the Manhattan District regime.

## Y-12ers Accident-Free Days Ended At 175

Continued from Page 1  
period of 1,500,000 man-hours of operation without a lost-time accident December 6, 1949. That period began April 25, 1949. Prior to that date Y-12 employees had worked for 2,853,478 man-hours without a disabling injury, or 246 days. This is the longest period of safe operations established in Y-12 since the present safety procedures and records were inaugurated under Carbide.

## BRITAIN SAID AHEAD

The London Express has reported that the first atomic engine to generate electricity, being constructed at Aldermaston, England, should be running within two to four years. This means, the paper said, that Britain now has a chance to beat America in the race to produce industrial power. The Express declares that brilliant technical advances made at the Harwell atomic research center will enable the engines to operate at extremely high temperatures.



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## How One Foreman Led Department 29 Safe Years Told

Continued from Page 1

tional Safety Council and the veteran employee became the first person other than a professional safety man to receive the National Safety Council's "Award of Merit."

Making the presentation, Roy G. Benson, of the Safety Council, said:

"There is a lesson here for all industry, large or small. Mr. Olson has proved that the principles of safety leadership can apply continuously in any weather, whether the exposure is on tall buildings, on slippery roofs or at dangerous machines. His record will be a challenge to his successors."

Olson, in accepting the "Award of Merit," declared that he had discovered no secrets about safety in his years as head of the department, but had discovered long ago that a man can avoid injury by becoming familiar with and being constantly aware of the hazards of any job. For that reason, Olson said, he always made a point of direct contact to discuss safety angles with each man before he went on a job.

Olson praised safety officials of the Standard Oil Co., saying:

"They give us all the training aids and other help we can use, but in the end it is up to the supervisor to see that the worker learns the safe way to do his job."

## Three First Aid Teams In Training

Continued from Page 1

stallation will receive a plaque or cup.

Details of the contest are being handled by a committee representing all three Carbide installations. It consists of Roy M. James, of Y-12; J. E. Campbell, of K-25; and Lloyd N. Williams, of the Oak Ridge National Laboratory.

This committee visited C. H. Dodge, engineer in charge, United States Bureau of Mines, at Jellico, Tenn., last Thursday for a discussion of procedure of the contest. Dodge, who was chief judge last year, will hold the same position this year.

### Judges Also Are Training

Dodge was asked by the Carbide committee to endeavor to get the best possible judges for the contest. The committee was promised by Dodge that this will be done and the group also was informed that some judges already are training for the event. There will be one judge for each team in the contest and one supervisory judge for each two teams. These judges will alternate in each of the three problems offered in the contest and not stay with one team throughout the event.

### FRENCH REPLACE RED

According to the Associated Press, Gaston Dupuy, dean of sciences at the University of Toulouse, has been appointed director of the French Center of Scientific Research. The post formerly was held by Frederic Joliot-Curie, member of the Communist Party, who was ousted from the position in which he had access to all the nation's atomic secrets.

## It's Easy For Y-12ers To Join Credit Union

Continued from Page 1

passes on all loan applications and the loans may be secured by endorsements or other collateral. The credit committee may approve loans secured only by the applicant's signature if the group considers the borrower a good risk.

Interest rates on loans are one per cent per month on the unpaid balance. The overall cost of a \$100 loan repaid in 10 months is \$5.50 or \$6.50 if paid out in 12 months.

All information on applications for loans is kept confidential by the credit committee. Neither the Company nor the general membership of the credit union has access to these records.

### Invested Funds Are Protected

Funds invested in the credit union are safe. All officers are under a blanket bond. Funds on hand are deposited in the Oak Ridge Facility of the Hamilton National Bank and are federally insured. Credit union funds may be invested only in loans to members, loans to other credit unions, shares in federal savings and loan associations or government bonds.

The 25c entry fee charges with the purchase of the first shares and 20 per cent of the net income of the credit union each year must be placed in a reserve fund as insurance against any bad loans that might be made.

The books of the credit union are audited at least quarterly by the supervisory committee. The books and records of the organization also are periodically inspected by an examiner of the Federal Credit Union Bureau.

The rate of return on the investment depends on the earnings of the organization. At the close of business on December 31 of each year the net earnings are figured and after 20 per cent of this amount is placed in the reserve fund dividends may be declared from the remainder by the board of directors. Dividends are limited by law to six per cent.

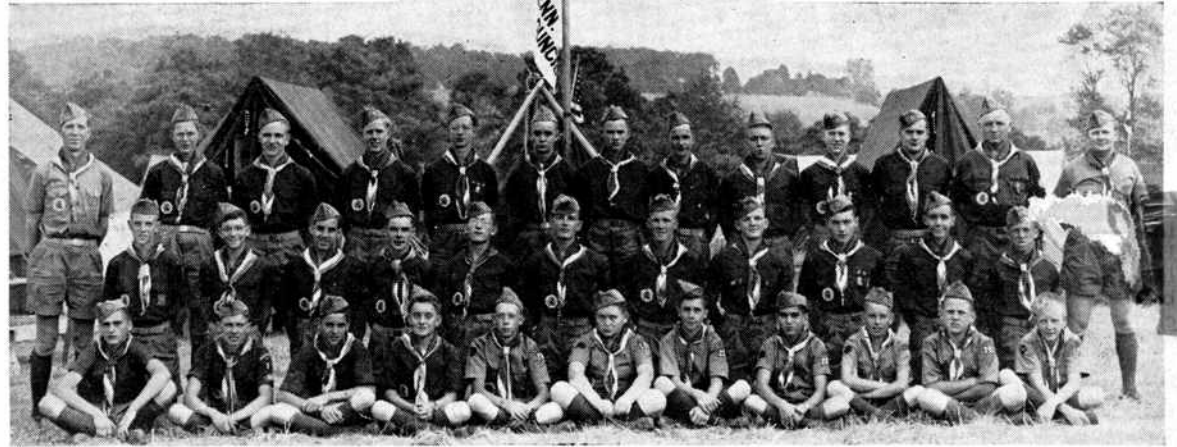
Shareholders in the Y-12 Employees' Credit Union may withdraw their shares at any time. They also may be used as collateral for loans.

## ORNL Group Compiles New Atomic Chart

According to a recent issue of Popular Science magazine a new set of charts of the radioactive families of elements has just been released by the Atomic Energy Commission from its list of classified data. The charts were compiled by Dr. Karl Z. Morgan, director; Mrs. Virginia K. Patterson, junior physicist; and Dr. Forrest Western, associate director of the health physics division of the Oak Ridge National Laboratory.

Modernizing the classical "family trees" of uranium, radium and other radio-elements, the four new atomic charts incorporate the latest discoveries. The new charts are said to render obsolete all earlier ones as they get a "new look" with discovery of family ancestors earlier than any known before and also of many new side branches in their lines of descendants.

**AMONG THE 31 BOY SCOUTS**  
pictured above are five who are sons of Y-12 fathers. The picture was made at the National Jubilee at Valley Forge, Pa. C. F. Harrison, of Y-12, assistant scoutmaster of the troop at the Jubilee, is at the far right.



At his right in the back row is R. J. Dunbar, also an assistant scoutmaster; while at far left is E. W. Hobson, scoutmaster of the troop. About 47,000 scouts from all parts of the United States and foreign countries attended the Jubilee.

## Y-12ers May Cast Vote By Absentee Ballot

All Carbide employees who are qualified voters and who have vacations scheduled over August 3, and who wish to vote in the general election and state primaries set for that day may do so by absentee ballot.

Any voter who is otherwise qualified may vote by absentee ballot if required by reason of business, occupation, health, education or travel to be absent from the county during voting hours on the day of election. Ill or physically disabled voters who cannot safely appear at the voting precinct and who can obtain a statement from a licensed physician certifying to such illness or disability also may vote by absentee ballot.

### Notice Must Be Filed

To obtain an absentee ballot written notice of intent or desire to vote by absentee ballot must be submitted to the election commissioners of Anderson County or the county in which the voter lives. Such notice should include a statement that the voter will be, or expects to be, absent from the county on election day or that the voter cannot safely appear at the polls because of illness or a physical disability. Such notice must be given to the commissioners of elections not more than 40 days nor less than five days prior to the election, or primary election, if the voter be within the United States or its possessions, and not more than 90 days nor less than 20 days if the voter be outside the United States or its possessions.

The written notice should set out the kind of election, the date of election, the precinct, city, district and county in which the voter will vote and the address to which the voter desires the ballot to be sent. The applicant should enclose stamps to cover sending the ballot by registered mail.

### Where To Get Ballots

Written notices of intent to vote by absentee ballot should be sent to the commissions appointed to handle the respective elections.

To obtain absentee ballots for the Anderson County general election write James Underwood, Secretary, Anderson County Board of Elections Commission, Clinton, Tenn.

To obtain absentee ballots for the Democratic primary write Charles Hayes, Secretary, Anderson County Democratic Primary Board, 401 Turnpike, Room 15, Oak Ridge, Tenn.

To obtain absentee ballots for the Republican primary write John Morton, Secretary, Anderson County Republican Primary Board, Dental Clinic Bldg., Room 222, Oak Ridge, Tenn.

## Five Scout Sons Of Y-12 Fathers Return From National Jubilee; Report Big Time

Those five Boy Scout sons of Y-12 fathers who attended the National Jubilee at Valley Forge, Pa., a couple of weeks ago are back home—armed with enough conversational ammunition to last them a long time. The five were among about 25 Scouts from Oak Ridge making the trip.

The sons of Y-12ers making the trip were Donald Miller, son of Harold Miller, Field Maintenance; Gordon Estes, son of C. L. Estes, Planning and Estimating; Ray Williams, son of Eugene Williams, Chemical; Bob Harris, son of C. E. Harris, Electromagnetic Research Laboratory; and Joe Culver, Jr., son of Joe Culver, Sr., a former Y-12 employee who now employed by Oak Ridge National Laboratory, still is stationed in Y-12.

### Three Adult Leaders Along

In addition to these youngsters C. F. Harrison, of the Y-12 Isotope

Research and Production Department, made the trip and was first assistant scoutmaster of the troop in which the Oak Ridge lads were included at Valley Forge. Harrison is scoutmaster of Oak Ridge Troop No. 325, sponsored by the Veterans of Foreign Wars Post, No. 6,351.

Harrison gave a glowing report of the activities of the Oak Ridge scouts at the National Jamboree. The Atomic City youngsters composed three-fourths of one troop in the Jamboree, being known as Troop No. 1, Section 9, Region 5. The adult leaders included Harrison, Scoutmaster E. W. Hobson, of Oak Ridge National Laboratory; and Assistant Scoutmaster R. J. Dunbar, of Oak Ridge National Laboratory.

### Four Patrols In Troop

The troop was made up of four patrols—the Atom, Panther, Rebel and Flaming Arrow, the latter being composed mostly of boys from near Huntsville, Ala.

This troop was allowed to fly a golden banner at its campsite in Valley Forge for having an outstanding exhibit. A five-foot model of an atom on top of a 15-foot cypress pole formed the gateway to the troop's campsite. In a tent was a display from the American Museum of Atomic Energy showing the structure of different atoms and also a disk containing uranium ores rotating in front of a Geiger Counter.

### "Irritated" Dimes Are Swapped

The Oak Ridge scouts also had a number of irradiated dimes from the atomic pile at the Oak Ridge National Laboratory and these — some of the lads insisted on calling them "irritated" dimes — formed Grade A swapping material for the youngsters in barters with other scouts throughout the Jubilee campsite.

According to Harrison, the Oak Ridge scouts not only thoroughly enjoyed the trip but also assimilated a world of valuable knowledge from their associations with other boys from every state in the nation and several foreign countries. They heard an address by President Truman and made several sightseeing trips to nearby historical points during the Jubilee.

## California Mayor Calls Defense Talk

The San Francisco Chronicle has announced that Mayor Elmer E. Robinson has issued an invitation to mayors of other California cities to a meeting to "coordinate their thinking and planning" on civilian defense problems for the state at large and individual cities in case of attack by atomic bombs.

## Guards Take Top Place In Attendance Ratings

Continued from Page 1

place was taken by the Janitorial Department with .8 per cent absenteeism. This department rose from eighth place held the preceding week. Rising from seventh position to third and reporting .8 per cent absenteeism was Maintenance Utilities.

The plant-wide absentee record for the week ending July 9, by departments, follows:

MAJOR LEAGUE			
Dept.	More Than 50 Employees	Percentage Absent	Scheduled Standing 7-9-50 7-2-50
2091	0.0	0.0	11
2300	0.5	2	8
2619	0.7	3	1
2282	1.0	4	2
2077	1.1	5	10
2616	1.15	6	6
2015	1.16	7	9
2320	1.5	8	12
2014	1.6	9	3
2283	1.7	10	7
2142	2.3	11	4
2360	2.6	12	5

Group absentee percentage was 1.5 per cent, .2 per cent lower than the preceding week.

MINOR LEAGUE			
Dept.	15-49 Employees	Percentage Absent	Scheduled Standing 7-9-50 7-2-50
2096	0.0	1	1
2107	0.0	1	1
2002	0.0	1	1
2140	0.0	1	1
2200	0.0	1	1
2743	0.0	1	1
2143	0.0	1	1
2060	0.0	1	5
2008	0.0	1	6
2001	0.7	2	8
2005	0.8	3	7
2109	1.4	4	3
2270	2.7	5	2
2739	3.9	6	4
2133	5.4	7	9

Group absentee percentage was 1.2 per cent, 1.1 per cent lower than the preceding week.

The plant average for the week ending July 9 was 1.3 per cent, .4 per cent lower than the preceding week.